

APPENDIX B
CERTIFIED OXYGEN CLEAN WORKER
QUALIFICATION CARD

Date Started: _____

References:

1. *Standard Practice for Precision Cleaning and Testing of Shipboard Oxygen, Helium, Helium-Oxygen, Nitrogen, and Hydrogen Systems. MIL-STD-1330*

Prerequisites:

1. *NDSTC Basic Dive Systems*
2. *Qualified DLSS Maintenance Technician*

Theory:

1. Explain the history that developed the procedures and standards found within MIL-STD-1330.

Qualifier: _____ Date: _____

2. Define the safety precautions applicable to work within an active system under cleanliness guidelines.

Qualifier: _____ Date: _____

3. Define "Oxygen Clean" verses "Air Clean" and what systems are relevant at NDSTC.

Qualifier: _____ Date: _____

4. What are the causes of ignition and possible sources of fuel within a system?

Qualifier: _____ Date: _____

5. Define proper Oxygen compatible materials to include lubricants, software, and hardware?

Qualifier: _____ Date: _____

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QUALIFICATION CARD (cont.)

6. Define the sequence of inspection criteria for a visual / technical inspection on an opened Oxygen system?

Qualifier: _____ Date: _____

7. Define proper preparation of the area of repair on an oxygen clean component within a system from gross cleaning through reinstallation?

Qualifier: _____ Date: _____

8. Define cleaning agents applicable to on site gross and precision cleaning of an Oxygen clean component?

Qualifier: _____ Date: _____

9. What are the requirements of the ultraviolet light and bright white light and what are the U/T inspection standards for hydrocarbons and particulate / fibers?

Qualifier: _____ Date: _____

10. What is the role of an Oxygen clean worker at an NDSTC Oxygen transfer or charge?

Qualifier: _____ Date: _____

11. Name all the tools and equipment required for establishment of an Oxygen clean work area.

Qualifier: _____ Date: _____

Practical Factors

1. Stage an Oxygen clean work area to include all steps in the removal of a valve at a mock system station.

Qualifier: _____ Date: _____

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2. Perform a visual / technical inspection identifying hydrocarbon residue and particulate with light sources.

Qualifier: _____ Date: _____

3. Complete an actual Oxygen clean procedure under instruction at the following locations:

NDSTC Oxygen charge at gas farm or at craft hotel station.

Qualifier: _____ Date: _____

NDSTC Oxygen/Helium/HeO2 system component removal.

Qualifier: _____ Date: _____

Qualifier: _____ Date: _____

Testing

1. Successfully pass a written test with a minimum final grade of eighty percent.

Qualifier: _____ Date: _____

Certification

Qualifier: _____ Date: _____

Hyperbarics Division Officer: _____ Date: _____

Engineering Department Head: _____ Date: _____